

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: Jeffrey Herman <jherman@hawaii.edu>
Subject: 160m mailing list
Message-ID: <96Jan15.094807hwt.464503@uhunix3.its.Hawaii.Edu>

This should be of interest to you folks running your BAs on 160m:

The TopBand (160 Meter) mailing list is:
topband@frontier.net
To subscribe send a message to:
topband-request@frontier.net
The body (text) of message should say "subscribe."

Jeff NH6IL

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: aevang@cris.com (alevangelista)
Subject: 1937 "How to Become.."
Message-ID: <199601142043.PAA16696@franklin-fddi.cris.com>

Gang, I have a copy (on loan) of "How to become a Radio Amatuer"
Sixth ed. 1937. It contains plans for a homebrew receiver and
transmitter as well as picture ads for the National SW-3,
RCA (tubes, ACR-155, ACT-20 and ACT-40), McElroy Mac Oscillator,
Hallicrafters (various 'Sky' models), and the Utah "Add-A-Unit" Amatuer
Transmitter Kit. Anyone interested in copies?

I also recently obtained a NIB "Rectifier Power Unit - CJP 20 ABX"
It has the words: "Radar Power Unit" penned on the cardboard box.
Can anyone shed some light on this device? - Thanks in advance

Al Evangelista (KB8WYN) aevang@cris.com

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: "Roberta J. Barmore" <rbarmore@indy.net>
Subject: Re: 1937 "How to Become.."
Message-ID: <Pine.SUN.3.91.960114173524.19978B-100000@indy1>

Hi, Al!

I am *very* interested in a copy of your '37 edition of "How To Become
A Radio Amateur." Just tell me how much & where to send the check--or

I'll swap you a copy of another '37 League publication, "Building An Amateur Radiotelephone Transmitter." (Nice little rig--I'm working on making one but it's slow going).

73,
--Bobbi

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: buska@aaic.advantest.com (d.buska@advantest.com)
Subject: 75A2 Noise Limiter - % Modulation Changes?
Message-ID: <96011510481833@aaic.advantest.com>

Having recently done some repair work on my 75A2 receiver, I noticed that the manual indicates that the percentage of modulation that the noise limiter clips at can be changed by altering the values and ratios of the resistors R39 & R40. I was wondering if any one has ever played with these values. Currently, the 75A2 is setup to clip at approximately 35% modulation. Although I find this limiter to be very effective with removing AC line noise it does distort most AM signals audio quality.

I was thinking about changing the resistor values to clip at a somewhat higher modulation level, but I don't want to loose the good AC line noise reduction in the process. Has anyone ever played with these resistor values? Another alternative would be to use a ganged variable resistor and combine it with the current CE limiter knob. I think AES is currently selling a potentiometer lever control which will lay under the current CW limiter knob. Thus the modification would be nondestructive and pretty much original. R39 and R40 are 47K resistors at present and the manual indicates increasing R39 and decreasing R40 while maintaining approximately 100K total would increase the percent of modulation where the clipping starts. Sound like a 27K resistor in series with a 50K pot and another 27K resistor after that would provide a good adjustable AM limiter on the 75A2.

Any ideas out there?

I have had this receiver for only a couple of weeks now (xmas present from XYL). So any other modification suggestions would be appreciated. I've already read the stuff in ER mag.

73

Don N900 d.buska@advantest.com

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: w7ni@teleport.com (Stan Griffiths)
Subject: 75A3 FS
Message-ID: <199601142211.0AA12447@desiree.teleport.com>

The Oregon Tualatin Valley ARC received another donation for the beginners equipment loan program: 75A3 s/n 935.

I will accept bids on this receiver until January 25. Minimum bid is \$100 plus \$50 for shipping.

75A3 s/n 935 Description:

1. Receiver will power up but will not receive. Audio output is white noise only.
2. Limiter knob is chipped.
3. Unknown modification built on an octal tube base and plugged into the NBFM adaptor socket. One 6BY6 tube and various caps, resistors, and RFCs. Easily removed. Does not appear to be a homebrew NBFM adaptor but who knows?
4. Antenna grounding relay has been added inside. Easily removed. Might be a small hole in the chassis that is not standard involved with mounting this relay.
5. Hand marking on chassis indicates V1 has been changed from a 6CB6 to a 6HZ6.
6. Cabinet and front panel are in good cosmetic condition. There are a few small blemishes in the finish.
7. Interior is dusty.
8. Has original instruction book in good condition.
9. No extra accessory filter in FL-1 socket. No Xtal Calibrator. No speaker.
10. This receiver looks like it will restore very nicely.

Stan W7NI@teleport.com

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: pmills@cyberhouse.com (Phil Mills)
Subject: 75A4 again
Message-ID: <199601141959.NAA14001@ns.cyberhouse.com>

Many thanks to all who replied with suggestions....I plan to implement many of them even though I have made a considerable improvement with only something minor. (RED FACE GOES HERE) As the old saying goes, "read the f.....ng manual". It seems that I was connecting the antenna to the receiver using coax via an adapter to the N connector without noticing that the jumper connecting terminal 2 to G on the antenna strip was missing.

thanks again,

Phil

Phil Mills, AB5TH
pmills@cyberhouse.com
713-482-2763

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: don merz <71333.144@compuserve.com>
Subject: AUG '60 CQ Needed
Message-ID: <960115203733_71333.144_DHB79-1@CompuServe.COM>

If anyone has a copy of CQ for August, 1960, I need a copy of the review of the Electrocom FSC-250 that was in that issue. I'll gladly pay postage and copy costs if someone can help out.
Thanks.
73, Don

--

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: k1zat@bah.com
Subject: Re: BA List cost & donations
Message-ID: <Pine.SUN.3.91.960114225940.8311A-100000@booz.bah.com>

Well --

On Sat, 13 Jan 1996 USSAILIS@forum.phast.umass.edu wrote:
> PS Send an address & I'll have a check in the mail.
> PPS Perhaps donors could be "recognized."

It's an awful lot of money involved here. I might have to give up a case of beer a year to support it. Send me the address too ..

jd

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: w7ni@teleport.com (Stan Griffiths)
Subject: BC-348-N FS
Message-ID: <199601142211.0AA12427@desiree.teleport.com>

The Oregon Tualatin Valley ARC is starting a program of lending rigs to beginners who cannot otherwise get on the air. The first step is to build a pool of equipment suitable for loan to a beginner. We accept donations from estates or just extra equipment not in current use. Somebody gave OTVARC a BC-348-N but I do not think this is appropriate for a beginner. Therefore, it is our intent to turn it into money that we can use to get more appropriate equipment for loan to beginners. Since I am not a collector of WW2 radios, I will accept bids on this BC-348-N until January 25. Please allow \$25 for shipping and tell me if the bid includes the \$25 for shipping or not. There is no minimum bid (except \$25 for shipping) and I will take the best offer.

BC-348-N Description (to the best of my ability. Ask questions.)

1. No cabinet.
2. One extra control (a pot on the left side) on the front panel.
3. Homebrew 110 VAC power supply built in.
4. All tubes seem to be there except the octal rectifier in the homebrew power supply.
5. Lots of work has been done inside of this unit.
6. I did not have the guts to plug in a rectifier and turn it on.
7. Serial Number is 6736.
8. Manufacturer is Wells Gardner & Co., Chicago, IL

Stan W7NI@teleport.com

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: elroy@sfnet.com
Subject: BOATANCHORS DIGEST 421
Message-ID: <9601142107.0T07Z02@sfnet.com>

Why did this message
end after the 2nd article?

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: cooper@gmpvt.com (Tom Cooper)
Subject: Box for Lafayette HA-350
Message-ID: <199601151707.MAA28032@web.gmpvt.com>

Hi gang!

While crawling around in Mom's attic, putting away Xmas stuff,
I found the original box for the HA-350 that I bought new in '67

or so and foolishly sold in '68.

Sooo..., either I need a HA-350 to put in the box or someone who wants the box for their HA-350. If you have one for sale or would like the box, I'm only a few keystrokes away.

73,

Tom Cooper
cooper@gmpvt.com

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: "Integration Area" <integrat@usr.com>
Subject: Re: CJP-20ABX
Message-ID: <9600158217.AA821731058@robogate.usr.com>

This box is part of an early Navy aircraft radar designated ASB. It is probably one of the last of the series, like an ASB-7 or so. These radars were made in large numbers for a few years, even though they were quickly outclassed by the AIA, AN/APS-4, and AN/APS-6. I doubt any ASBs saw service after the war, as they were quite crude and could probably be jammed very easily.

William Donzelli
integrat@usr.com

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: KWDouglas@aol.com
Subject: Re: Collins BIG rig
Message-ID: <960115094344_61774261@emout05.mail.aol.com>

>Collins WWII-vintage 40kW transmitter, Navy... 1.5-18mHz...
>Chicago

I wish someone would pay a visit to the CBR (Collins Big Rig) & give us a report that would end the suspense. (Hint, hint, Terry). Frankly, my casual acquaintance with how WWII equipment was built for the Navy makes me more than a little suspicious of the 40kW rating. Given the dimensions of 4'w x 8'h x 3'd makes it sound more like 400W, or in a real stretch of the imagination, 4kW. ???

Ever suspicious,

Kent, K9JCR

KWDouglas@aol.com

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: doonan@cordmc.dnet.etn.com (DENNIS DOONAN X6916 (KG9DO))
Subject: Collins PT0
Message-ID: <9601151333.AA14658@etn.com>

Hi Gang,

Can any one tell me where a Collins Type 70H-2 PT0 was used? It is also stamped Mod 1.

I picked this up at the Waukesha (WI) hamfest yesturday. Just couldn't resist. I had in mind a home brew project with it, but if any one needs one it could be available.

73 de Dennis, KG9DO
doonan@cordmc.dnet.etn.com

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: "Allan Fritsche" <fritsche@msn.com>
Subject: count me in
Message-ID: <UPMAIL03.199601150024160613@msn.com>

This message is two fold, It seems that all the bands from 40 up seem to be dead for the most part. I did hear Aruba on 40 M today but the rest was a vast waste land of noise. Question, Where are we now in the sunspot cycle or was it just a good football day with no activity.

Second, I am sending my check for 12 Greckels to Phil Monday AM.

Al Fritsche
fritsche@msn.com

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: Terry Burge <terrybu@netman.ENS.TEK.COM>
Subject: Re: count me in
Message-ID: <9601151551.AA05767@netman.ENS.TEK.COM>

Allan and the multitude,

From what I have been hearing there has been considerable debate as to weather we have bottomed out or will this year in the sunspot cycle. But it has been awhile since I heard or saw any input on it so attitudes might have changed. About 2 months ago the ARRL was noting some new spots on the sun indicating we may be starting into the new cycle. Anyone know of any newer information?

Terry
KI7M

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: Jeffrey Herman <jherman@hawaii.edu>
Subject: re: count me in
Message-ID: <96Jan15.092540hwt.464470@uhunix3.its.Hawaii.Edu>

Well shoot, since 2 folks asked about sunspots, here's some info:

Sunspot Numbers for January 4 through 10 were 48, 69, 57, 45, 53, 27 and 13, with a mean of 44.6. 10.7 cm flux was 85.9, 84.9, 82.7, 82.5, 79.3, 75.9 and 78.8, with a mean of 80.7.

Solar activity was up a bit last week, while geomagnetic activity was quite low. This is a nice combination for HF propagation, giving us a little better conditions on higher frequencies while absorption is lower.

Low activity is expected to continue, with a gradually declining solar flux rising slightly again after January 22. A recurring coronal hole is expected around January 20, but it should not cause a great disturbance.

Jeff NH6IL

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: MODSTEPH@ACS.EKU.EDU
Subject: CX Newsletter - Last Call
Message-ID: <01I00IADS2DU0004ZG@ACS.EKU.EDU>

BA Gang:

I am about to send out the newsletter prior to the next Classic Radio Exchange. I have received some SASE's from some of you to receive it (and am sending them to some of you I have been working with) --

If you would like one, including a copy of the CX announcement for Feb 4/5, send me your name and address, along with stamps for TWO ounces postage, and I shall send you one.

Hope to see many of you on CX, operating your Boatanchors. Listen for my Harvey-Wells Bandmaster, Jim W8KGI's collection of BA's, Marty AA4RM's famous "69" rig: RME 69 and Stancor 69... among many others,

including military and homebrew.

73, A1 N5AIT
modsteph@acs.eku.edu

Allan Steohens
106 Bob-O-Link Drive
Richmond, KY 40475

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: Art Moe <artmoe@agora.rdrop.com>
Subject: donations
Message-ID: <Pine.BSF.3.91.960114204519.13173A-1000000@agora.rdrop.com>

My server must of lost the mail regarding a donation. Could some one
send it to me via E-Mail

art

73's de
Arthur Moe
A.R.S. KB7WW
artmoe@agora.rdrop.com

Oregon City, Or
45-19-22 N 122-36-37 W CN85
At the end of the Oregon Trail

QRP ARCI QRP-L #290

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: Kim Herron <kherron@voyager.net>
Subject: Drake Receivers for Sale
Message-ID: <199601151500.KAA13029@vixa.voyager.net>

Hi Gang,

I have decided that it is time to thin the collection of Drake Equipment
that has grown around me. I have a 2B, R4A and R4B for sale. I'd like
\$90.00 for the 2B, \$135.00 for the R4A and \$235.00 for the R4B. These prices
include shipping. I'm in kind of a hurry this morning and so I don't have
the time to put a lengthy description of them in here, but you may call me
on the phone [616-677-3706], or e-mail me and I'll be happy to answer all
the questions that you have. This I will tell you, the 2B is in nice shape

on the front panel, works well. The R4B is superb in and out and works excellent, and the R4A works pretty good but could stand an alignment. Let me know

Thanks,

KIM

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996

From: wb6zwc@ns.net

Subject: dues(donations)

Message-ID: <2.2.16.19960114105417.419f2554@ns.net>

Seems to be a thread here; I had to ask the address to send a contribution.

Maybe the donation address could simply be put in the header in the form of

SEND DONATIONS TO:

Richard

Richard wb6zwc@ns.net

James ke6kyp

Linda ke6lit

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996

From: don merz <71333.144@compuserve.com>

Subject: EofAir: \$12.50

Message-ID: <960115151332_71333.144_DHB42-8@CompuServe.COM>

FYI: Rainy Day Books has hardcover copies of Empire of the Air for sale for \$12.50 shipped. Brand new.

Rainy Day Books

Box 775

Fitzwilliam, NH 03447

73, Don

--

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: cjohnson@aea14.k12.ia.us (Carl Johnson)
Subject: Galaxy WRL
Message-ID: <v01530501ad20543dc895@[167.142.101.110]>

I saw this on another new group and thought it might be appropriate here too.

Could I get your help in locating information on the products of the World Radio Laboratories (WRL) of Council Bluffs, Iowa. A book is now being written on the life of founder Leo Meyerson and WRL. WRL built and sold popular amateur transmitter products and electronic parts from 1937 to 1972. Originally known as Wholesale Radio Labs before WW II, WRL sold the popular Globe King, Champion, and Scout Transmitters now prized by collectors.

Although many WRL catalogs are in the Amateur Radio Collection at the Omaha History / Western Heritage Museum, a number of catalog years are missing:

1937,1938,1939,1946,1947,1948,1950,1963,1968,1972. If you have these catalogs, would you contact me for some questions? I want to index product model numbers and prices for each year.

Also, does anyone know the whereabouts of Samuel J. Fidone, the designer of the WRL Globe transmitters during the 1940's and 1959's? His call sign was W0QAB.

Thanks for any help!

--

Ed Reitan (UCLA Film and TV Archives)	ITT Gilfillan
Ph: 818-902-2075 Fax: 818-901-2536	7821 Orion Ave.
Email: ittg@cerfnet.com (Ed Reitan)	Van Nuys, California 91409
Eudora: BinHex	

Carl KA0HLL

Carl Johnson, Comp. Coord.	e-mail cjohnson@aea14.k12.ia.us
Villisca Community School	packet KA0HLL@kg0se.#swia.ia.usa.nam
205 S. 4th Ave.	
Villisca, Iowa 50864	"Ham radio spoken here"

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: "Rokusek, Don" <drokusek@fsc.follett.com>
Subject: Heathkit HW-16
Message-ID: <96Jan15.114645cst.12689@fscmail.fsc.follett.com>

Hi all:

Not sure if it qualifies as a boatanchor, but I'm looking for a manual or crystals for a Heathkit HW-16. It was my first (and only) radio that I bought when I got my novice license in 1976 (I was 15 at the time). For whatever reason, I left the hobby after enjoying many CW QSO's. Now twenty years later, I have found all my old QSL cards and got curious again. With an issue of QST, I actually located an HW-16 (I had given mine away long ago), and am now anxiously awaiting it's arrival. Should be on the air again soon!

I'm also looking for any info on LISTSERVs for Novices.

Any info is appreciated.
Don Rokusek
KA9UYQ
drokusek@fsc.follett.com

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: David Adams <dave@flowserver.stem.com>
Subject: Help me find Lowell Thomas
Message-ID: <9601151845.AA06421@flowserver.stem.com>

Here's a shot in the dark. Does anyone have an email address of phone number for Lowell Thomas. I believe he was selling 5 receiver antenna couplers on the list a while back. Lives in California (either Fresno or Bakersfield I believe). Any help is appreciated.

dave

=====

David J Adams	N9UXU QRP-L #83
dave@flowserver.stem.com	NorCal QRP #1442
(415) 813-5028	Flow Cytometry Specialist

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: Duncan Cadd <dcadd@luc.ac.be>
Subject: how high with a 6AK5 ?

Message-ID: <9601151423.AA09168@alpha.luc.ac.be>

Greetings, Anchorites, from a bright and sunny Diepenbeek in N.E. Belgium!

Now, what upper frequency limit would you have said a 6AK5 might be useful at ? The recent definitions of what constitutes a BA may find one of their ultimate fulfilments in an article published in 'The Review of Scientific Instruments' (a well known academic journal) vol 30, no. 1, pp1-6, January 1959. Therein you will find a 14dB gain amplifier, 50 ohms in and out, flat to +/- the usual 3dB, from 10Mc/s to 400Mc/s which uses 56 (yes, FIFTYSIX) 6AK5 tubes in a distributed transmission line configuration 8-) Forget dual bandy handies. BA walkie-talkie (breakie backie) anyone ? 30m to 70cms all in one unit . . .

Regarding a related topic, Dick's RA17L saga (well, it weighs 60lbs even if it doesn't use 56 tubes) I note the address is BRADFORD rather than BEDFORD in the original posting (slight difference) and re the comment

> England as a whole may indeed be viewed from the former colonies as third
> world - but count out Yorkshire, and remember *Scotland* (my chosen QTH) is
> not England either :-)

what can I say but "Eeeee, luxury, we 'ad it tuff in ahh day, eighteen of uz living in paypah bag in septic tank in middle uh road" etc etc 8-)

The phone and fax numbers for Johns . . . UK telephone exchange numbers changed recently, and the 0274 prefix should be changed to 01274.

Glad you got the RA17 working, Dick! But it amazes me how a 60lb radio can simply evaporate into thin air . . .
73,

Duncan ON9CHU / G0UTY G-QRP 8117 dcadd@luc.ac.be

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996

From: jcreid@CCGATE.HAC.COM

Subject: HP1340A Manual available

Message-ID: <9600158217.AA821730867@CCGATE.HAC.COM>

Gang,

In the process of cleaning my office, I came across an HP manual for a 1340A X-Y display. It's stretching the use of the BA list, I know, but it does have a CRT. The equipment is long gone, but the manual is available to the first requester for postage.

-Jim N6SVS

jcreid@ccgate.hac.com

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: Steven Wilson <randyw@crl.com>
Subject: HQ-129X
Message-ID: <Pine.SUN.3.91.960114175524.28826C-100000@crl8.crl.com>

I have been thinking I would like to have a HQ-129 on my bench. Does anyone have one in good physical and electrical condx that needs a good home ?

Condx is important want a working unit that does not require repair.

de stan ak0b
e-mail via randyw@crl.com

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: Jake Hellbach <kk5hy@accesscom.net>
Subject: info on Globe scout
Message-ID: <199601151510.JAA15392@uro.theporch.com>

Hello to all,
I have a Globe Scout Deluxe and was wondering if anyone has one that I could get a copy of the manual or a schematic. Or just a note on how to tune it. Also it has a 7027-A tube (I think it's the modulator tube) that is missing, any idea on a cost on it. The tube sources I have either don't have it or AES has in there catalog the ominous CALL next to the tube number.

Thanks in advance.
Jake

January 15, 1996
9:09 am

Email via: kk5hy@accesscom.net
Check out the Westside ARC Web page at:
<http://www.accesscom.net/~kk5hy>
Updated with Boatanchor links!!!!

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: Graham Warrington <ve1fc@nbnet.nb.ca>
Subject: Re: info on Globe scout

Message-ID: <9601151943.AA35261@darwin.nbnet.nb.ca>

At 09:22 AM 1/15/96 -0600, Jake Hellbach wrote:

>Hello to all,
>I have a Globe Scout Deluxe and was wondering if anyone has one that I could
>get a copy of the manual or a schematic. Or just a note on how to tune it.
>Also it has a 7027-A tube (I think it's the modulator tube) that is missing,
>any idea on a cost on it. The tube sources I have either don't have it or
>AES has in there catalog the ominous CALL next to the tube number.
>
>Thanks in advance.
>Jake
>
>January 15, 1996
>9:09 am

>-----
>Email via: kk5hy@accesscom.net
>Check out the Westside ARC Web page at:
><http://www.accesscom.net/~kk5hy>
>Updated with Boatanchor links!!!!

>-----
>
>

I think the SCOUT uses a 6L6 tube as modulator.. As for schematic
contact A1HLR in Maine. I gave him one.....

RGDS

Graham VE1FC

>

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996

From: parker@sol.med.ge.com (Timothy Parker x7-4463)

Subject: Info request

Message-ID: <9601151702.AA20871@pacific.med.ge.com>

Hi

I picked up a few small items at the hamfest in Waukesha this weekend and
they all seem to work, more or less. A Knight rf generator and 2 Heathkit
VTVM's, an IM-11 and a 5218.

If anyone has a manual for the rf generator I would love to pay for a
copy. Also what are those odd threaded connectors on the front and is
it possible to get mates for them? It did not come with any cables.

I got a manual with the Heathkit IM-5218 but not the IM-11. Can I assume
that the internal circuits are close enough to use the calibration info

for both? Also anyone know where I can get a heathkit rf probe for one of these things?

All in all it was a reasonably fun show and I spent less than \$20 and that's a good thing.

Thanks,

Tim Parker KB9KIT
Wisconsinparker@sol.med.ge.com

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: Schroeder.Wbst207V@xerox.com
Subject: Info request - SONAR model CFC Vfo
Message-ID: <"15-Jan-96 15:44:58".*.Schroeder.wbst207v@Xerox.com>

Hollowstater,

A friend recently obtained a SONAR model CFC 80 - 40 meter vfo. Anyone have any info / schematic of the unit. Will cover copy / mailing costs. TIA.

73 Russ W2DYY

schroeder.wbst207v@xerox.com

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: d-hlinsky@nwu.edu (Don Hlinsky)
Subject: Inrush & Step Start
Message-ID: <199601151853.AA144442005@casbah.acns.nwu.edu>

My earlier article regarding inrush limiters generated quite a few private inquiries, all very positive. I do want to thank Jim Haynes for setting me straight about these devices. I know better, but I called them Positive Temperature Coefficient (PTC) devices. They really are Negative TC! None the less, these devices do an excellent job of saving venerable gear from inrush stress.

Several folks asked me to finish my thoughts about step-start. SS is a really simple, and cheap, method for limiting inrush current on high power devices. I saw it employed in broadcast transmitters (5KW & up with silicon rectifier stacks) where it prevented damage to those dainty, yet expensive, high voltage rectifier stacks. You can use it in linear amps, or anything else that draws more current than can be handled by the NTC current limiters. It is also great for situations where you cannot tolerate any voltage drop after the inrush surge is suppressed.

SS, at it's simplest, requires two relays and a low resistance (0.2 to 2 Ohm) wirewound resistor. The relays are wired in cascade. That is, the second relay's coil is controlled by a contact on the first relay. When power is applied to the first relay it operates. When it's contacts close, the second relay is energized and it's contacts close. Sounds really stupid - so far! Now, to make this useful, we wire the incoming power line to one side (input side) of a contact on the FIRST relay. The other side (switched side) of the contact is wired to the input side of the second relay - the contacts are now wired in series. The output side of the SECOND relay is connected to the load. We then connect the previously mentioned resistor *across* the contact of the SECOND relay.

This circuit takes advantage of the fact that relays do not operate instantaneously. When the first relay closes, current to the load will flow through the first relay's contacts and the resistor before going through the load. A few tens-of-milliseconds later (the exact amount depends on the physical size and magnetic characteristics of the second relay) the second relay closes and shorts out the resistor. This applies full voltage to the load. The short delay is plenty to reduce the inrush caused as the transformer iron is magnetizing and the filter caps begin to charge.

The trick is to pick the right resistance and power rating for the resistor. No, the resistor doesn't have to be rated for the full power drawn by the device. Since the resistor is only in-line for a short time a far smaller value will work. The resistance should be picked to reduce the inrush by about 50%. This can be calculated by measuring the DC resistance of the power supply. Let's say you read 1 Ohm. Select a 1 Ohm resistor. This will drop the inrush current by 50%. Power rating? If you want to be ultra safe you can use 1/4% of the total load power for calculations. Example: In one 10KW (15KW+ drawn from the mains) transmitter the step-start resistors were 0.25 Ohm at 25 Watts (3 of them because it was a 3-phase rig). 25 Watts turned out to be too small - the resistors would *explode* after about 100 on/off cycles! 50 Watt replacements worked OK.

Modification #1: You can delay the second relay's action further by inserting a delay circuit if you wish. Remember that the resistor may now have to dissipate more heat because it will be in the circuit for a longer time - size accordingly.

Modification #2: Combine the best of both approaches! Use a NTC inrush limiter as the resistor and a delay relay. The limiter will soft-start the load and then be switched out when full line voltage can be tolerated; after a second or so.

What step-start doesn't do: In it's simplest form (two relays, no delay) it does not "soft start" tube filaments. It is usually employed only for reducing the huge inrush normally associated with capacitor input filters

fed by solid-state (forgive the heresy!) diodes. With modification (i.e. delayed second relay) it *can* be used as a soft-start circuit for nearly any rig. It can even be built outboard for those situations where you want a completely reversible modification for your BA.

Inrush current is a real killer for *any* rig. Vintage gear is particularly susceptible, obviously with respect to tube filament stress, but less obviously with respect to other power supply components. Power transformers can look like near-short circuits when power is applied, regardless of their load. The resulting inrush current can cause the windings and laminations to physically jump. On larger transformers you may even hear a "thump" when they first turn on. I have seen transformer primaries open at startup because of the stress - it was enough to make a grown man cry. Obviously, anything we can do to "soften the blow" will prolong the lives of our wonder-gear.

Thank you for your kind attention.
73,

^^

Don Hlinsky - N9IZU
d-hlinsky@nwu.edu

"Sweet are the uses of adversity;
if this business of ours was entirely reasonable it wouldn't be half as much fun."

H. Hershey - Automatic Electric Co. Practices Manual (1917)
^^

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: aevang@cris.com (alevangelista)
Subject: Johns Radio Contact Info
Message-ID: <199601142025.PAA08154@franklin-fddi.cris.com>

Gang,
I wonder how much interest there is among the group (club?) in the RA-17L. I, for one, would be interested if the total price were right. I have heard of aviation enthusiasts recovering batches of vintage aircraft from third world countries - how about a similar 'rescue' mission for a batch of RA-17Ls?
73, Al Evangelista (KB8WYN) aevang@cris.com

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: merrigan@ee.ualberta.ca
Subject: Re: Johns Radio Contact Info

Message-ID: <199601142145.PAA04093@uro.theporch.com>

In <199601142025.PAA08154@franklin-fddi.cris.com>, on 01/14/96 at 02:26 PM,

aevang@cris.com (alevangelista) said:

>Gang,

>I wonder how much interest there is among the group (club?) in the
>RA-17L. I, for one, would be interested if the total price were right.
>I have heard of aviation enthusiasts recovering batches of vintage
>aircraft from third world countries - how about a similar 'rescue'
>mission for a batch of RA-17Ls?

Well, we could certainly save on the shipping if we salvaged a container load of them!!

I'd be interested. I would want two of them, if the price was right :-)

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: dt@scotborders.co.uk (David Topham - Arts & Science)
Subject: Re: Johns Radio Contact Info
Message-ID: <9601150906.AA27714@scotborders.co.uk>

Gang,

I really can't let this stand (sorry Jack!)

Al Evangelista said:

>I have heard of aviation enthusiasts recovering batches
>of vintage aircraft from third world countries - how about a
>similar 'rescue' mission for a batch of RA-17Ls?

..I've got an HRO-MX held hostage here... ..I will destroy one coil pack every hour until you have read and considered the following ;-)

Johns Radio is in my birthplace county *Yorkshire* which, as the biggest county, is considering becoming an independent state within Europe....

England as a whole may indeed be viewed from the former colonies as third world - but count out Yorkshire, and remember *Scotland* (my chosen QTH) is not England either :-)

(Dons asbestos suit and retires into cave shaking)

73, David Topham GM3WKB dt@artscience.scotborders.co.uk

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: dt@scotborders.co.uk (David Topham - Arts & Science)
Subject: Re: Johns Radio RA17L saga
Message-ID: <9601151456.AA00621@scotborders.co.uk>

gang:

Duncan 0N9CHU said:

>Glad you got the RA17 working, Dick! But it amazes me how a 60lb radio can
>simply evaporate into thin air . . .

Simple. That gee whizz Wadley triple mix is *magic*. (Go on, open the lid,
just like HP network analyzers it's full of gnomes & toadstools)

Cheers, David Topham GM3WKB dt@artscience.scotborders.co.uk

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: John Kolb <jlkolb@cts.com>
Subject: Re: Johns Radio RA17L saga
Message-ID: <Pine.SC0.3.91.960115100303.8816B-100000@sd.cts.com>

On Mon, 15 Jan 1996, David Topham - Arts & Science wrote:

> gang:
>
> Duncan 0N9CHU said:
>
> Simple. That gee whizz Wadley triple mix is *magic*. (Go on, open the lid,
> just like HP network analyzers it's full of gnomes & toadstools)
>

And the South Africans squeezed it into a 2 lb receiver, the Barlow-Wadley
XCR-30 that never worked very well :-)

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Re: Johns Radio RA17L saga
Message-ID: <58362.ddillman@igc.apc.org>

On Mon, 15 Jan 1996 08:57:40 -0600 (CST),

David Topham - Arts & Science <dt@scotborders.co.uk > wrote:

>>Glad you got the RA17 working, Dick! But it amazes me how a 60lb radio can
>>simply evaporate into thin air . . .

>

>Simple. That gee whizz Wadley triple mix is *magic*. (Go on, open the lid,
>just like HP network analyzers it's full of gnomes & toadstools)

So *that's* what those things are! No wonder I hear grumbling every
time I poke around with an alignment tool.

Dick Dillman
WPE2VT N6VS ex-WA2BJK
<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>
Subject: KW2000 VFO Drift Solved (mostly)
Message-ID: <199601151528.JAA00644@dlep1.itg.ti.com>

Greetings Anchorites,

Thanks to info gleaned from BoatAnchors regarding cathode emission variation
with filament voltage changes, I've been able to mostly stabilize my British
made KW2000B transceiver VFO.

Saturday, before working on it, the VFO shifted frequency about 1.5 kHz
whenever I turned on my two Tektronix scopes. (300 or 400 watts I suppose.)
I'm sure the VFO shifted frequency on transmit too, but since I haven't had
any contacts with the KW2000B, I can't confirm that. Jerry Proc had warned
me about this a few months ago before I'd discovered it and he sent me a
description of a mod to minimize this by adding a regulated DC supply for
the VFO heater.

Since I take a minimalist approach to modifying old rigs, I deferred
performing the radical mod. After thinking about it a while I opted to try
substituting tubes to see if perhaps a newer or different tube might
function better. I didn't find another 6U8 tube in my junk box, but
according to my 1977 handbook a 6EA8 is similar and I did find one of those.
What a difference the 6EA8 made! Although some frequency shift (perhaps 100
or 200 Hz) can be heard whenever I turn on (or off) the two scopes, the
frequency shift is much less than it was with the original 6U8A.

BTW, before replacing the tube, I measured all the other voltages to the VFO

and not unexpectedly, since all voltages are regulated, no discernible changes occurred.

I'm now wondering whether the 6EA8 is less susceptible to changes in heater voltage than the 6U8A or whether the 6U8A might just have been weak in this regard. These tubes are combination triodes and pentodes so there aren't many other tubes like them with the same pinout to try.

If anyone can provide additional insight on why the 6EA8 works better than the 6U8A or can offer suggestions on how the drift can be further minimized (short of adding a DC regulator for heater voltage) I'd be interested in hearing about it.

Regards,
Bill Sorsby, N5BU

bill.sorsby@dlep1.itg.ti.com
Views expressed herein are my own.

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: billandr@aztec.asu.edu (BILL ANDREWS)
Subject: LRR5 RECEIVER
Message-ID: <9601150841.AA25515@aztec.asu.edu>

Greeting from sunny Arizona,

I have acquired several boatanchors this past weekend. My memory fails me on the following receiver--

Manufacturer=Technical Radio Company
Location =San Francisco
Model =LRR5
Frequency =540 kc to 18 mc
serial =60
Date date on plate =May 1945
weight = about the same as my DX100 (95 lbs)

Does anyone know anything about this radio?
What might its value be?
Is it work cleaning up?

If anyone has a schematic or manual I would gladly pay copying costs.

Oh yes, one other thing

I do feel the knowledge which I have lifted from this group is well worth the price of a few good cigars.

73 es see you in the CX contest, Bill W8AKH

--

Bill Andrews
billandr@aztec.asu.edu

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: "Jack Giehl" <JACKG@s1.xetron.com>
Subject: More Step Start
Message-ID: <74A564A30C8@s1.xetron.com>

Dear BA Enthusiasts,

Don described several variations on step-start. One variation of the step start I have used with a plate supply is the following:

The first relay, when activated, supplies AC voltage to the primary of a plate transformer with a series resistance. The second relay coil is connected across the primary of the plate transformer. As the capacitor in the plate supply charges, the primary voltage increases to the point where there is enough voltage to close the second relay, which shorts out the series resistance.

One benefit of this scheme is that if there is a B+ short, the second relay will never close. Of course, the series resistance must be rated appropriately, so that it doesn't burn up if this happens.

A clever scheme employed in the Amp Supply LK800 uses ONE relay and NO resistance device to supply a step start circuit. This is for 240 VAC power only, and works as follows:

When 120 VAC voltage is applied to the coil of the relay, the normally open contact of the relay also connects the 120 VAC to the primary of the plate transformer for the period of time before the relay starts to close, probably about 10 to 30 milliseconds. When the relay closes, the full 240 VAC is applied to primary of the plate transformer.

Any more schemes out there?

Jack

Jack, WB8BFS
jackg@xetron.com Loveland, Ohio (near Cincinnati)

I picked up a set of Morrow Twins.....MBR-5 and MB-560A. Supposedly working but no power supply or manuals. Anybody have an extra power supply for sale or trade and manuals to copy for these two items? Any idea of their value? Thanks very much. 73, GARY

Gary H. Harmon, Jr., K5JWK gharmon@txdirect.net
6302 Robin Forest K5JWK@K3WGF.STX.USA.NOAM
San Antonio, TX 78239

At the last Hosstraders hamfest in Rochester, NH, a fellow BA collector picked up a receiver that at first appeared to be an E.H. Scott SLRM. It had the same front panel layout (although slightly taller) and had an SLRM chassis layout. On closer inspection, however, it had a National nameplate, and a military ID (R-244?). Instead of the octal tubes of the Scott, it used miniature tubes. The chassis was obviously built to take octal tube sockets, and the miniature tube sockets were mounted on filler plates within the octal tube holes. I thought at first that this was an SLRM that some private owner had "upgraded" a la the BC-779 "Upgrade that Super Pro" series from CQ magazine in the 60s, but it is definitely a commercially built unit.

73,

Chris Bowne, AJ1G
Stonington, CT
radiobwn@q.continuum.net
AMI No. 211

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: Kim Herron <kherron@voyager.net>
Subject: New Mail Address
Message-ID: <199601150216.VAA15208@vixa.voyager.net>

Hi Gang,

I've grown very tired of AOL constant mail system problems. My mail goes into cuberspace half of the time and it's gotten to be a serious problem. So I have taken the advice of several people and gone to using an ISP. So far I'm very satisfied in the speed and versatility of the programs. So please make a note of my new address: kherron@voyager.net. I have been mail testing this all day and have been vvery pleased
Thanks for the 'bandwidth'.

KIM

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: azoth@netcom.com (Az0th)
Subject: New SP-200 Owner
Message-ID: <199601141931.0AA09884@netcom6.netcom.com>

Hiyall,

In much the same vein as 'All BA's come to s/he who waits', I'm about to become the proud keeper of a WWII-vintage SP-200. The current possessor is moving, and not happy about parting with it, but it's a hulking brute and probably wouldn't travel well, so I'm doing the 'right thing' and giving it a new home. ;) I'd promised myself another Hammurland when I gave up my HQ-170AC a while back, but I never really expected to find something like this, locally _and_ well-priced at a princely \$125.

He describes it as 'absolutely mint' and 'in perfect shape', mounted in a flip-top 3' mil rack, with a twin-oval speaker bay, 2" blank panel and a well-varnished RA74D power supply mounted beneath the SP-200 in that order. It is fully functional and weighs in at around 100 lbs, which at least ought to keep the house warm and firmly planted against the cold winds of Winter.

I'll be picking it up (carefully and with assistance!) in a couple of days, but would love to hear from anyone with firsthand experience with this one,

which I understand is also known as a BC-779. I'll probably be looking for documents and laying in a store of spares as well. I will of course try to find out as much about the provenance of the rig as possible, if anything is known, and post any interesting bits to the list.

I'll also be posting a check to Jack, with thanks. ;-)

Cheers es 73
de KF4FJH - RF Buchanan (azoth@netcom.com)

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: DUBY TODD <dube2@mci.newscorp.com>
Subject: Re: Paid Subscription List Service
Message-ID: <199601151541.KAA08338@camus.delphi.com>

In a time when people have become accustomed to "talk" to the entire world (via internet) without paying so much as postage, the idea of paying to be able to spout your piece on a particular "list" could be appalling to some. However, be that as it may. Those who feel that their subscription to internet should guarantee them free access to anything that goes on there will probably always squawk; but they should at least realize that none of the internet fees ever get to the ones who contribute their services to it.

A buck a month from every subscriber will probably make up for hardware, software, electricity and line fees used here, but the actual work involved apparently will continue to be a "labor of love"; and for that, I am thankful! Let the paid subscriptions begin!

-Dube

A man with a gun can be disarmed. A man with an idea cannot.

Dube2@mci.newscorp.com

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: don merz <71333.144@compuserve.com>
Subject: PARS Address
Message-ID: <960115203945_71333.144_DHB79-2@CompuServe.COM>

Several people asked for the address of the Pittsburgh Antique radio Society. It is

PARS
506 East Wheeling Street
WQashington, PA 15301

--

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: "Jack Giehl" <JACKG@s1.xetron.com>
Subject: R-1051A Receiver
Message-ID: <74553F37957@s1.xetron.com>

Dear BA Enthusiasts,

I was listening to the Old Gear, Junk, and Amplifier Builders net on 7275 Saturday morning when someone announced they had an R-1051 receiver for sale.

A phone call later, and it is on the way. It does not include a manual. I noticed that Fair Radio advertises manual copies, but have heard that Fair's manual copies are poor.

Anyone have a suggestion on where to get a manual for the R1051A?

Thanks, Jack

73,

=====
Jack, WB8BFS
jackg@xetron.com Loveland, Ohio (near Cincinnati)
=====

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: Scott_Johnson-AZAX60@email.sps.mot.com
Subject: RE>Re- Tube Identification
Message-ID: <"Macintosh */PRMD=MOT/ADMD=MOT/C=US/"@MHS>

RE>Re: Tube Identification 1/15/96
the 6080, 6528, and 6336 are all dual series pass triodes designed for regulator service. (The 6336 has huge graphite plates). I am in the process of designing an OTL HIFI amp using 6336's! The 5642 is a HV rectifier, used in TEK scopes, and the 884 is a thyatron. I believe the 8020 is a large HV rectifier.

73, Scott

On Sun, 14 Jan 1996 19:33:37 -0600 (CST),
Sandra L Knepper <slkst29+@pitt.edu> wrote:

>I have some rather unusual tube designations and wonder if someone can
>just give me some sort of idea what they may be for:

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: "Thomas A. Adams" <103360.2133@compuserve.com>
Subject: Re: Re. Collins BIG rig
Message-ID: <960115193321_103360.2133_JHL94-1@CompuServe.COM>

Hello Rick.

Yeah, the doodoo is gettin' pretty deep for AM operators on 75 metres, what with the jokers testing "linears" (not REALLY linears when they're habitually driven to the point of flattopping), the pseudo engineers / mad scientists who get on to stroke thier pitiful little egos by impressing the other inhabitants of the band with thier (usually bogus, often totally absurd) expertise in electronics ("stroke" seems to be the right word to apply to these people), the guys who play the game of "here's the other mike; how much did your S-meter go up?", the folks who can only be described as malicious bastards who's only purpose in getting on the air is to PO someone else, and MY particular faves, the antigovernment right wingers who carry on thier forums on the Tri Lateral Commission, Illuminati, BATF, International Conspiracy of Bankers, IRS, or whatever the hell ELSE has set them off this week .

Then, of course, there are the folks who write paragraph length run-on sentences on the INTERNET! {:-)>

I used to work as a "schizo bouncer" (ie, orderly in a psychiatric hospital), and a lot of the deviant behavior on 75 takes me right back to those days. Based on those experiences, I'd say a round of Thorazine on the house is definitely in order.

In the past I've put forth on this list the proposition that given a little bit of reason and cooperation, there's enough spectrum space for EVERYONE to operate on the ham bands, regardless of mode. Unfortunately, it seems that a lot of the 75 metre SSB types have decided to try a little bit of RF ethnic cleansing.

In the past, I've envied those who were strong enough to be pacifists in the name of principle, but it seems that the world is reaching the point where such sublimely subtle action goes unnoticed. Today, if you turn the other cheek, some SOB is just gonna look for MORE cheeks to whack! The "ask no questions and stick it to 'em" ethos of Rambo has replaced conscience and introspection. In short, the antics on 75 metres are simply a reflection of the dominant attitudes of American society in general, but minus the social restraints present in the "real" world.

OK. No Problemo.

These jokers wanna elbow with linears? Fine. TWO can play that game.

I well remember the AM / SSB Wars of the '60s. You think TODAY'S craziness is bad? The crap today is a tea party.

Thanks to the hypocrites in Congress, the FCC (which was financially hamstrung [no pun intended] for YEARS before the current wave of cost cutting) has been almost totally crippled. Field offices and monitoring stations are closing like crazy.

In the past, those who ran powers over the legal limits seldom got caught: it usually happened by chance (when's the last time you heard of the FCC doing a routine inspection of a ham station?), or when the operator got SO obnoxious on the air that the Feds just HAD to come visiting, usually looking for things OTHER than excessive power output..

Suffice it to say that the significance of the closing of the Allegan, Michigan monitoring station (the closest one to me, and to the Chicago / Milwaukee area) was NOT lost on a lot of folks around here, nor was the rumor of the closing of the "Chicago" (actually, a suburb) FCC field office.

There are even serious proposals to totally eliminate the FCC as a government agency.

The bottom line is that in this atmosphere the enforcement of relatively minor Part 95 violations is likely to be rare to the point of nonexistence.

Ham radio is about to enter the Age of Darwinism.

In that spirit, I made only one equipment purchase at yesterday's Waukesha Hamfest: I'm now an AM man who owns an HF slug for his Bird wattmeter which gives a full scale reading of 2.5 kilowatts. It remains to be seen if it will be needed for metering an AM transmitter.

Even at that I'm literally behind the power curve; I was talking to a buddy at the hamfest who used to scrounge discarded gear from my old FM broadcast station. He claims the current rebuild of his 4-1000 (plural) rig is burying a 5 KW slug.

Things could get REAL interesting on 75 metres...

As far as your comments on 160 metres are concerned: I've seen an increasing intolerance for AM there too.

In this area, 1885 KHz and 1995 KHz are traditional AM frequencies. The deliberate pressure on them is getting intense.

A couple of weeks ago I was carrying on a QSO on 1995. I had been there for better than an hour, around local sunset (when the skip starts to lengthen out). An SSB station broke in, and tersely informed me that my AM signal was trashing an SSB roundtable / net / whatever on the East Coast (NY, NJ, MA), and that I should get the hell off THEIR frequency.

Last night I was in an AM roundtable, and some turkey saw fit to put a book on his keyer on our frequency (a minor irritation, actually; a HUMONGOUS CW signal is needed to take out 40 DB over S-9 AM signals!). The smallest transmitter in the roundtable was mine, and I was running the Globe King 500! The effect was rather like a mosquito trying to kill an elephant.

I'm no longer sure what the solution to all this is.

I'm basically a man of good will. In the '60s I was what some called a "Flower Child", and a lot of attitudes from those days still prevail.

At the same time tho, those who would try to run my AM signal off the ham bands will have to learn that even a Flower Child can, and will, grow thorns.

73's and ZUT!

Tom "Mr. T." Adams, K9TA

AMI # 811

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: don merz <71333.144@compuserve.com>
Subject: REC-29, FSC-250 Manuals Wanted

Message-ID: <960115151118_71333.144_DHB42-7@CompuServe.COM>

Some RTTY Info Needed:

I need manuals or information on:

Teletype Rectifier power supply REC-29
Electrocom FSC-250 FSK Converter

Any help appreciated.
73, Don

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: wb6zwc@ns.net
Subject: rectifier tubes
Message-ID: <2.2.16.19960114105443.419fc878@ns.net>

Hi guys

Rebuilding a Collins 20-V3. Need a couple of high voltage mercury rectifier tubes.

Collins felt a 3000 volt high voltage supply required a higher PIV for the rectifiers than what a couple of 866's could provide.

So I need two 575A's. These tubes are physically larger than the 866. I would use the solid state replacements(I have them)but all four mercury rectifiers will be in view and they "glow" so nice.

Richard

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: arther.dent@smtp.prostar.com
Subject: ryders manuels
Message-ID: <199601142244.QAA08535@uro.theporch.com>

ok guys;
a most interesting listing showed up on the 75 meter swap net this morn.
a gentleman listed a "bunch of old ryders manuels that he wanted to get rid of". well i gave him a call to find out which ryders he had and how much

he wanted. well he said "make me an offer that's fair".
so here goes guys.....what would be a fair price for a complete set of
ryders volumes number 1 to 23 ?????oh yeah this includes the index.

i transmit therefore i am.....

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: Chris Sieg <c_sieg@conknet.com>
Subject: RE: Some BA list history and perspective
Message-ID: <Chameleon.4.01.2.960114142124.c_sieg@PIEXX.conknet.com>

Hi All,

I have been reading this list for about 6 months now and had no idea of the
operating expenses associated with it. So all this subscription stuff caught me by
surprise. When I asked Jack about this, he pointed me at the following statement
in
the welcome message that I received when I signed on to the list:

"There Ain't No Such Thing As A Free Lunch"

So, I guess I'm one of the guilty freeloaders using the system :-(. The truth is
that, in my case and I'll bet a lot of others as well, I just didn't realize that
we,
as a group, are expected to cough up the bucks to keep things going. "There Ain't
No
Such Thing As A Free Lunch". Now for the mechanics as I understand:

How much is expected as a contribution? \$12.00 a year (I'll bet a little extra
will
go a long way).

To whom do we send the contribution?

Phillip Porch
4328 Estes Road
Nashville, TN 37215-3106

I, for one, don't intend to stay classified in the freeloaders category. I'm not
going to wait for some mandentory subscription process to be put in place before I
do
my part, I only wish I had realized (been informed) of the correct list etiquette
sooner. I wonder how many other unwitting freeloaders exist?

73's
-Chris

Name: Chris Sieg WA3LDI
E-mail: c_sieg@mail.conknet.com (Chris Sieg)
From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: BRIDGERS@gonzo.ccl.org
Subject: Subscription Fee
Message-ID: <960115000113.22207693@gonzo.ccl.org>

I think Jack made a good case for the fee. Furthermore, I like others, have found the Boatanchors list one of the best sources of information and entertainment -- bar none. I subscribe to ER at a cost of \$38/yr. I think very highly of it, but frankly the Boatanchors group provides me with ten times (maybe more) educational value. Therefore count me in; I will gladly pay the \$12 subscription fee.

73's Tom KE4RHH Bridgers@Leaders.CCL.org

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: "James P. Rybak" <jrybak@mesa5.Mesa.Colorado.EDU>
Subject: Re: Subscription Fee
Message-ID: <Pine.3.89.9601142303.B13587-01000000@mesa5.mesa.colorado.edu>

The subscription fee is reasonable as far as I am concerned. Let me know where to send it.

Jim Rybak W0KSD

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: john.vercellino@n9csa.com (John Vercellino)
Subject: Subscription for Boatanchors is a bargain
Message-ID: <960114143940368@n9csa.com>

Count me in. I spend \$12 on lunch sometimes. Best value on the street and it's been immensely valuable to me.

John, WB90VV john.vercellino@n9csa.com

P.S. I'll pack a lunch this week and send what I would have spent to you. Thanks for running the list.

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: pbock@melpar.esys.com (Paul H. Bock)
Subject: Tube data sheets, SBE amp info needed
Message-ID: <9601151527.AA03495@syseng1.se.melpar.esys.com>

W4QDP in VA is trying to secure information on a piece of

equipment and some vacuum tubes for a ham in Trinidad.

First, the equipment. If anyone has any info, schematics, spare manual copy or whatever for an SBE Sb2LA linear amplifier, and can provide it cheaper than the \$11.75 + \$2.00 shipping from Hi-Manuals, please let me know.

Second, the tubes. Data sheets are needed for the following vacuum tubes:

QE08/200
QV08/100
7378

Please e-mail me directly if you can provide any of the necessary info, stating price. I will pass it along to W4QDP who will make arrangements to order, pay for, and forward the info to the overseas ham.

Thanks in advance, and

VY 73,

Paul, K4MSG pbock@melpar.esys.com

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: Sandra L Knepper <slkst29+@pitt.edu>
Subject: Tube Identification
Message-ID: <Pine.3.89.9601142031.C16773-01000000@unixs6.cis.pitt.edu>

I have some rather unusual tube designations and wonder if someone can just give me some sort of idea what they may be for:

8020
6528
6080WA
6336B
5642
884

I have quite a few of these tubes and would like to dispose of them.

Thank you.

Dave, W3BJZ

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Re: Tube Identification
Message-ID: <85652.ddillman@igc.apc.org>

On Sun, 14 Jan 1996 19:33:37 -0600 (CST),
Sandra L Knepper <slkst29+@pitt.edu> wrote:

>I have some rather unusual tube designations and wonder if someone can
>just give me some sort of idea what they may be for:

I can't help with applications but my cross reference from AES with
the rather long title of "Handbook of Radio, TV, Industrial &
Transmitting Tubes & Valve Equivalents" shows the following. Perhaps
these references will make 'em easier to look up.

>8020 2T/450E
>6528 Not Listed
>6080WA 6AS7, 5998
>6336B Not Listed
>5642 5642
>884 6Q5, 884

Dick Dillman
WPE2VT N6VS ex-WA2BJK
<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Mon Jan 15 09:24:21 1996
From: USSAILIS@forum.phast.umass.edu
Subject: RE Tubes
Message-ID: <01I000QBEQXU94DZ50@oitvms.oit.umass.edu>

Wasn't a 6080 used as a regulator in the 500 series Tek 'scopes??s

Jim, W1EQO

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996
From: Nick England <nick@cs.unc.edu>
Subject: Viking II keyer mod ?
Message-ID: <199601151917.0AA09627@altair.cs.unc.edu>

Finally got around to hauling a Viking II out of the pile and up (unngggghh!) onto the workbench. This is NOT a Viking II CDC which I understand had push-to-talk, audio clipping, and extended coverage.

It is a plain kit-built Viking II, but it does have a keying sequencer added to it (same circuit as in the later Ranger). This is a little chassis with a 9 pin socket (12AT7?) and pot, located on the shield beside the crystal sockets.

**The interesting thing is this add-on looks like a factory modification kit - the adjustment pot has a Johnson part number and the little chassis is professionally bent and punched. But the holes it mounts to were clearly drilled by the owner and not the factory (unless someone at Johnson had astigmatism and a dull drill bit).

Hmmm - has anyone else come across this ? I haven't ever seen a Johnson ad or manual with it included. Did they come out with it when they came out with the Ranger upgrade kit (early Rangers lacked the bias supply and keying sequencer sub-chassis).

Nick KD4CPL

nick@cs.unc.edu

From boatanchors@theporch.com Mon Jan 15 14:59:55 1996

From: Nick England <nick@cs.unc.edu>

Subject: Re: Viking II keyer mod ?

Message-ID: <199601152044.PAA12294@altair.cs.unc.edu>

What a great list - where else could you find out about an obscure modification to something made almost 40 years ago ? I found out from Richard W4CBG that this was indeed a factory modification kit made available around 1957. It also requires a simple mod to the 122 VF0.

Several folks responded immediately so it must have been a reasonably common upgrade for Viking owners.

thanks & 73,

Nick KD4CPL

nick@cs.unc.edu